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Figure 1A.

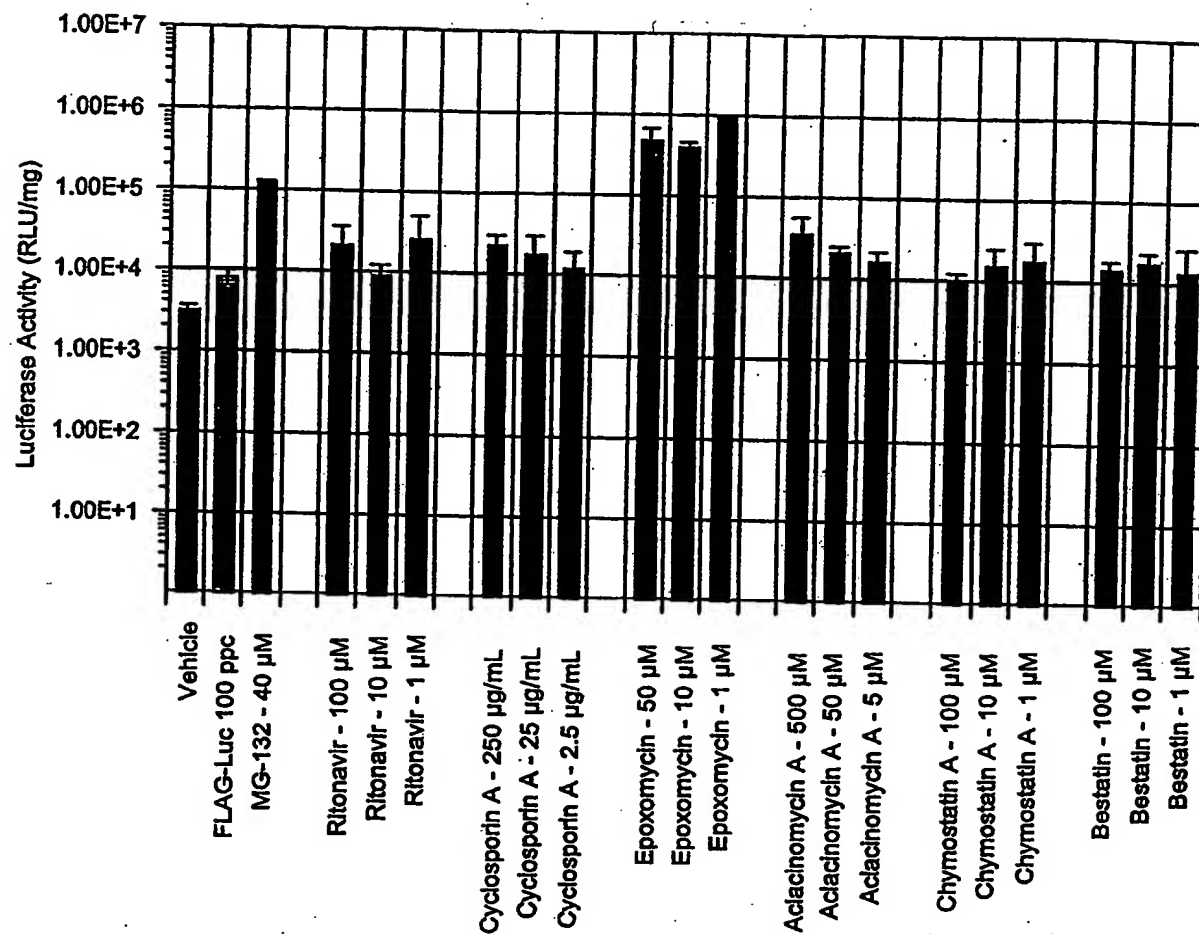


Figure 1B.

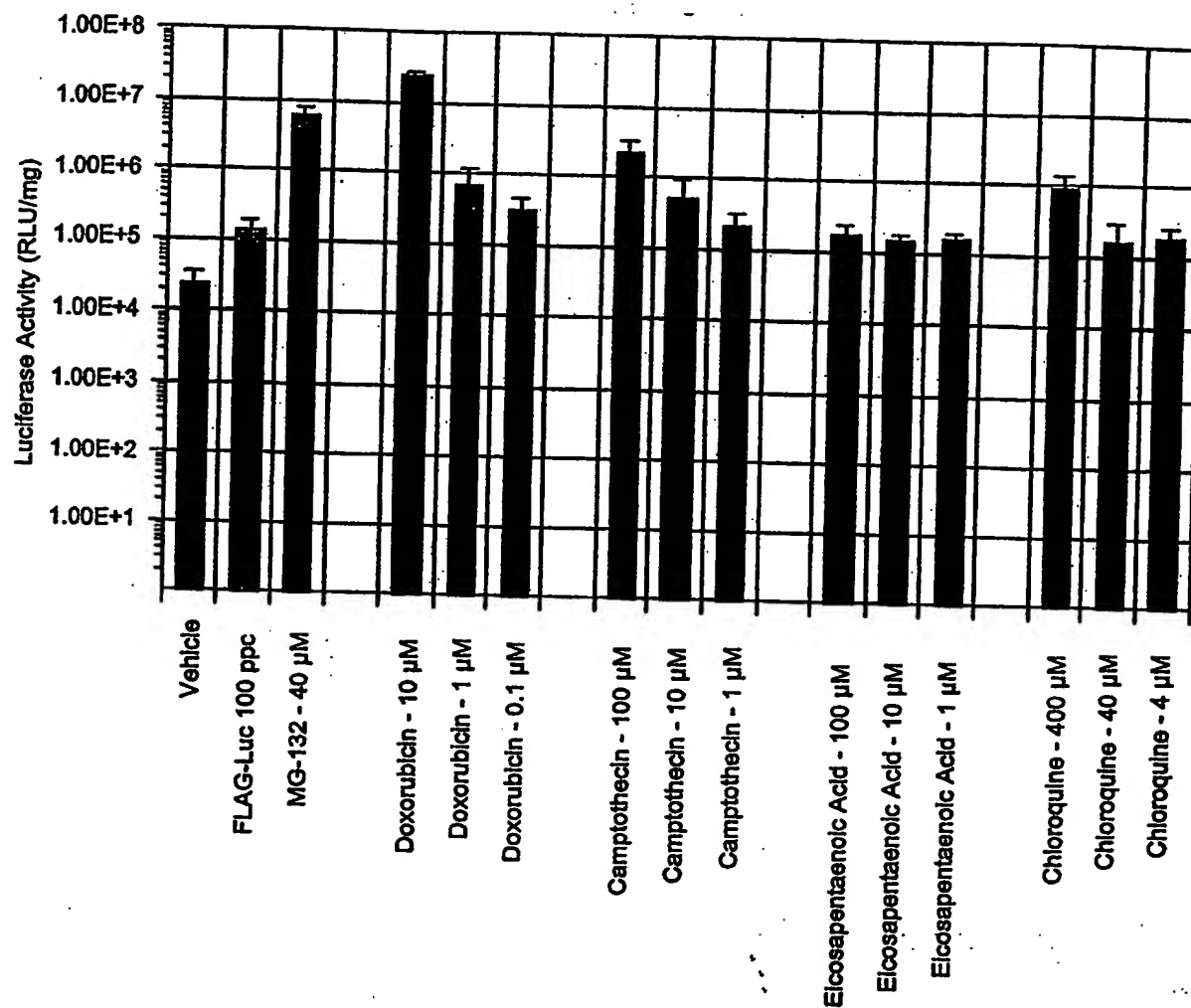


Figure 1C.

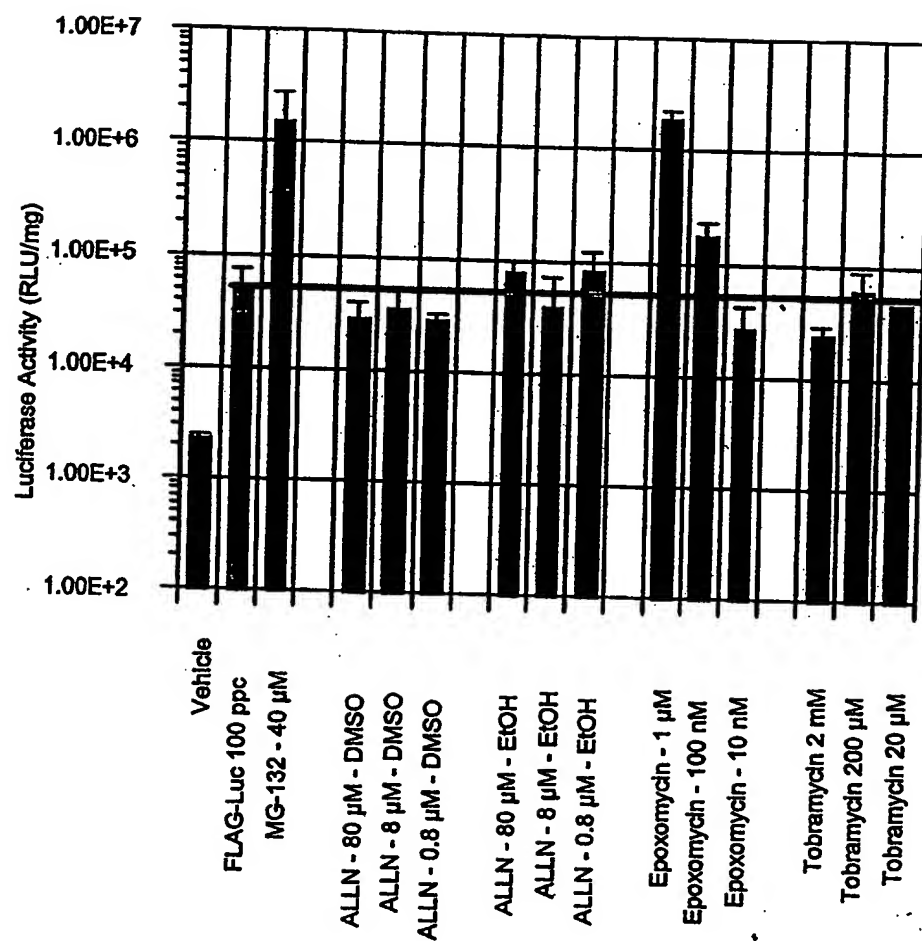


Figure 1D.

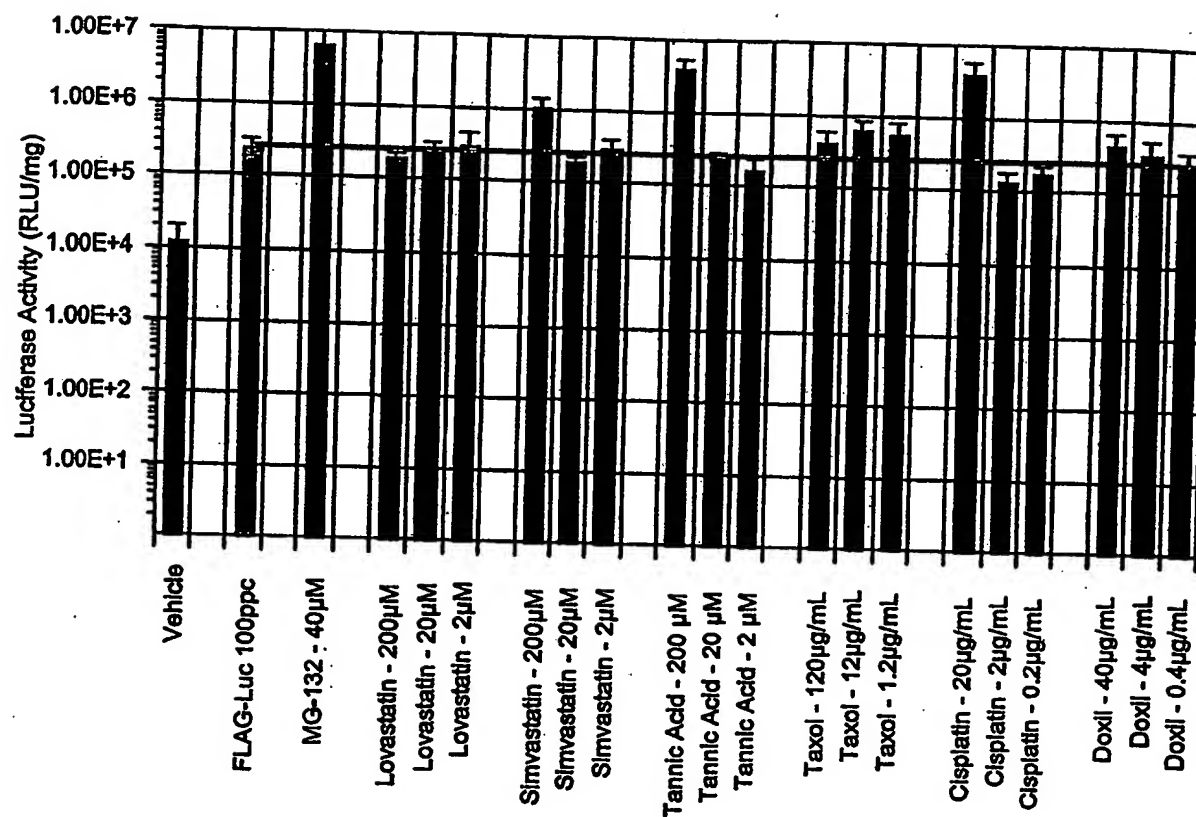
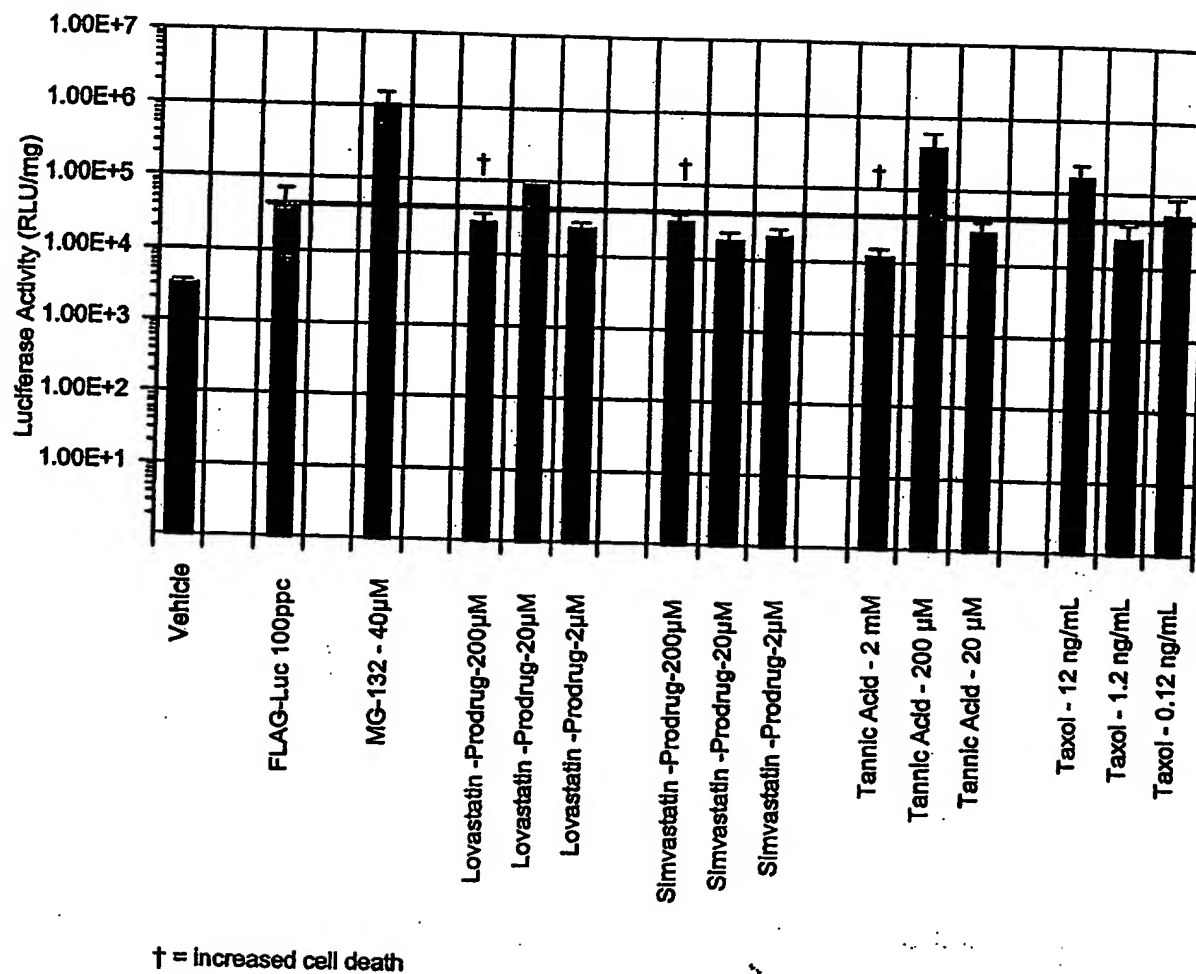


Figure 1E . f



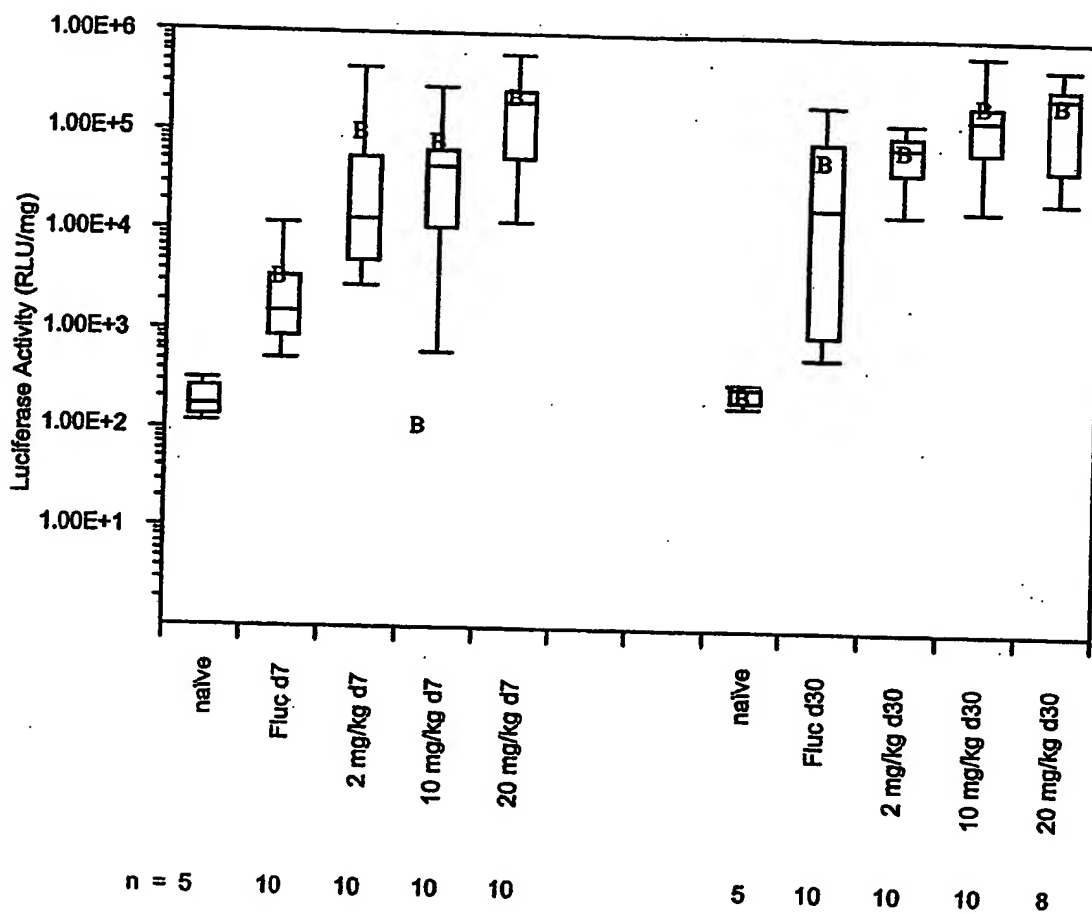


Figure 2.

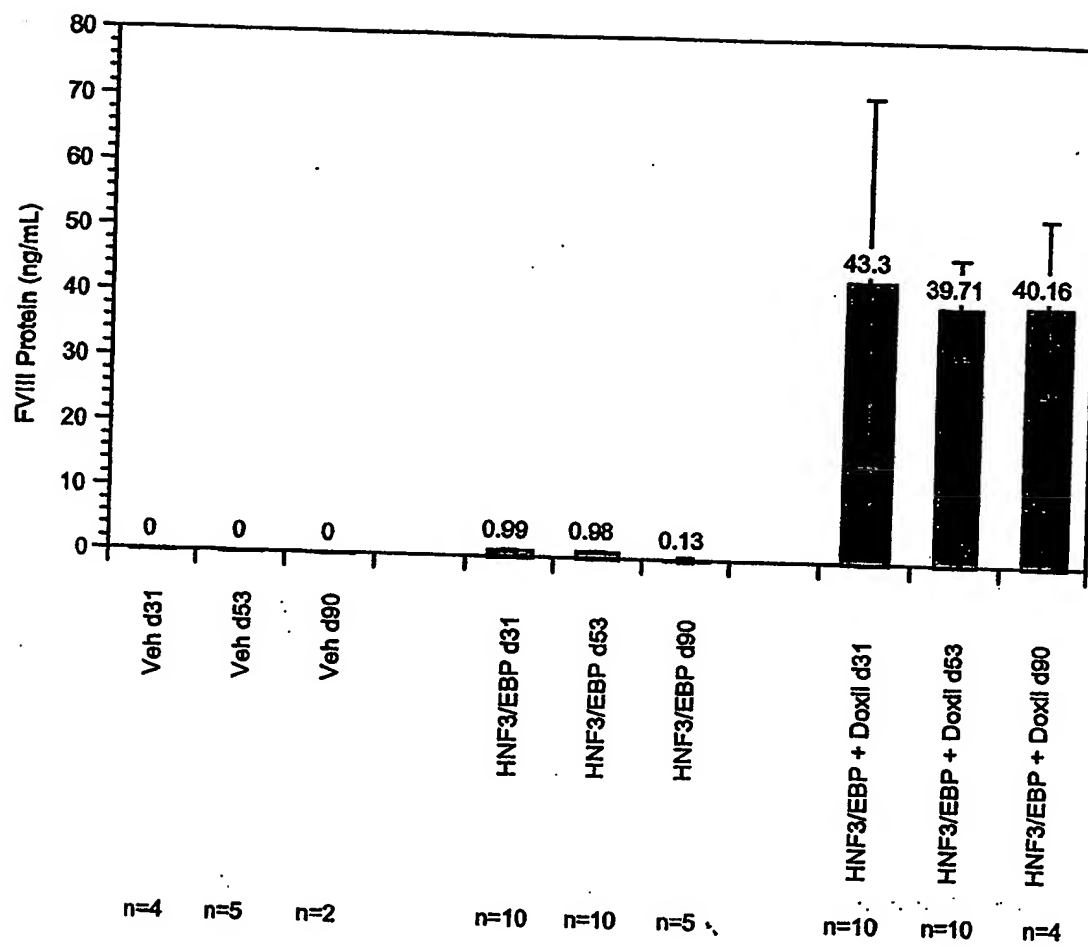
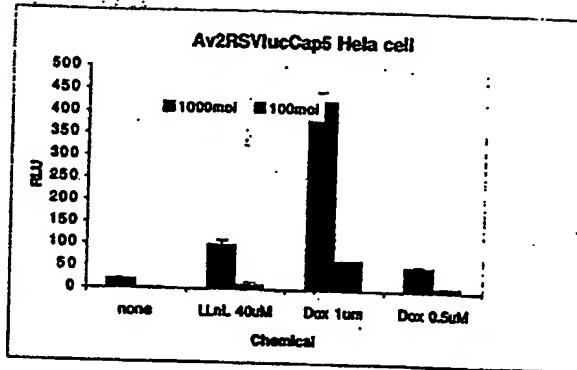
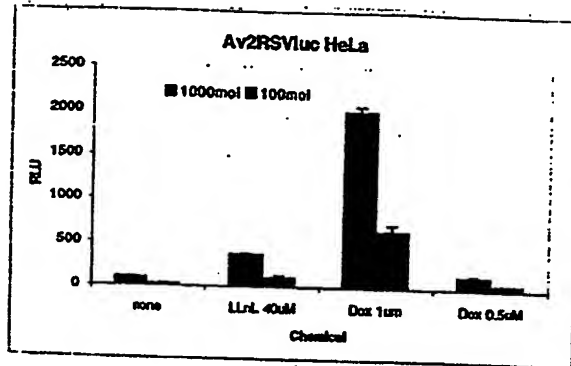


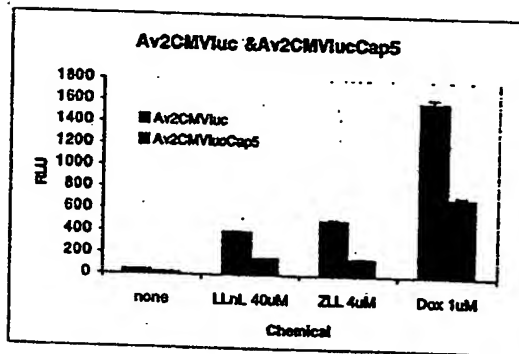
Figure 3.



A



B



C

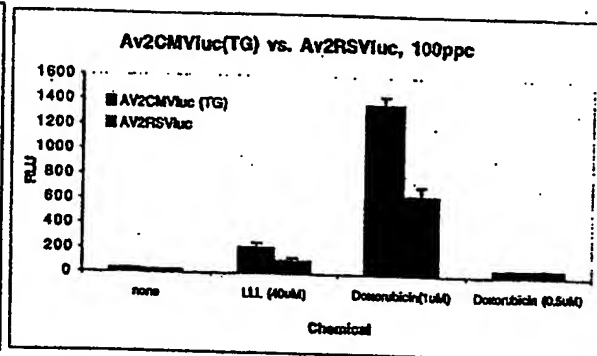
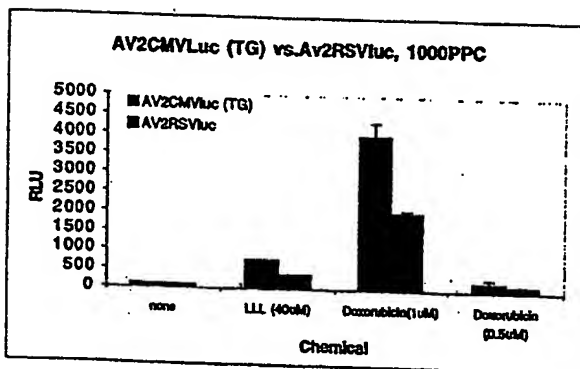
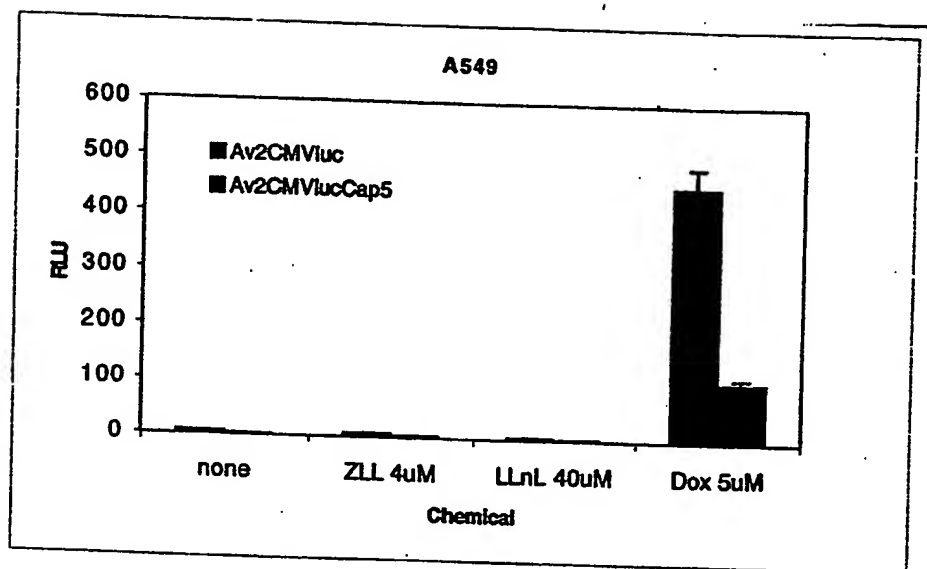
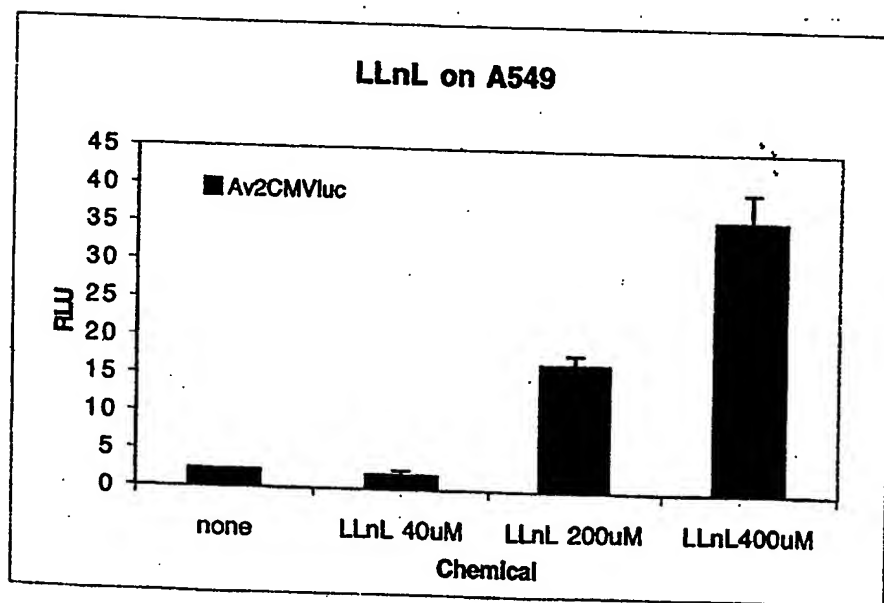


Fig 4

A



B



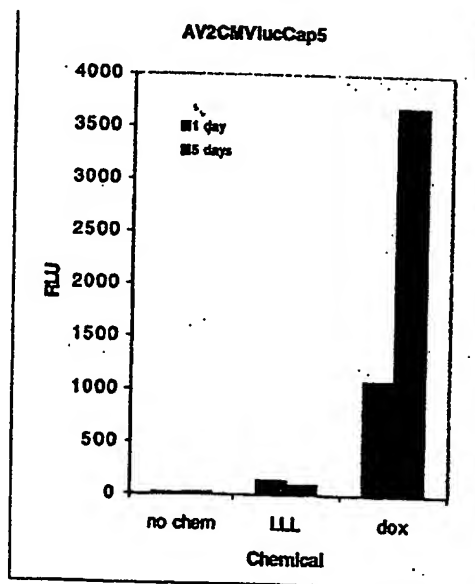
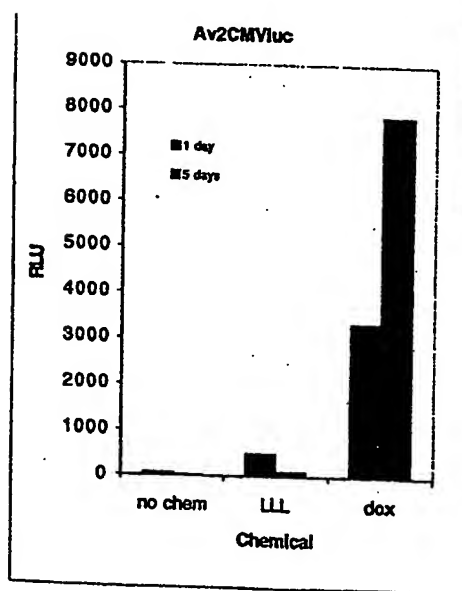
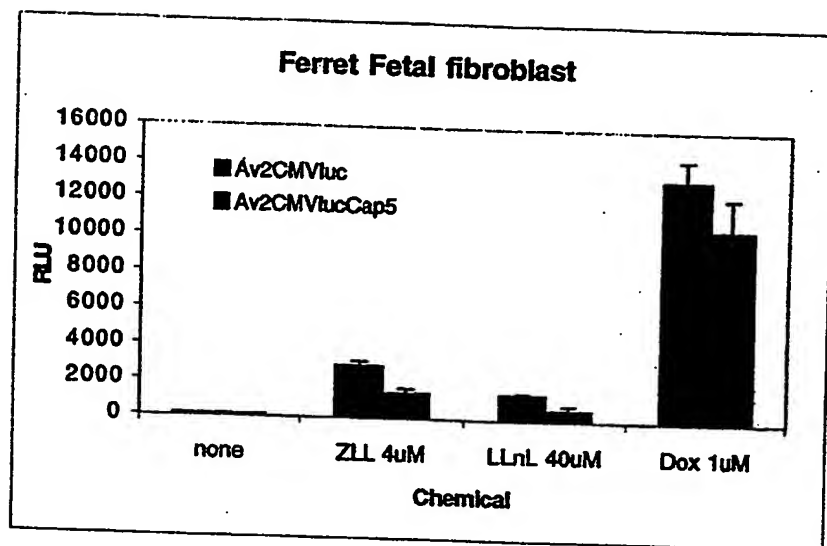
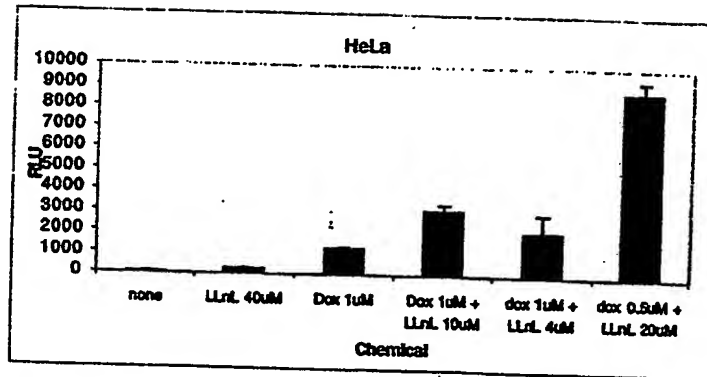
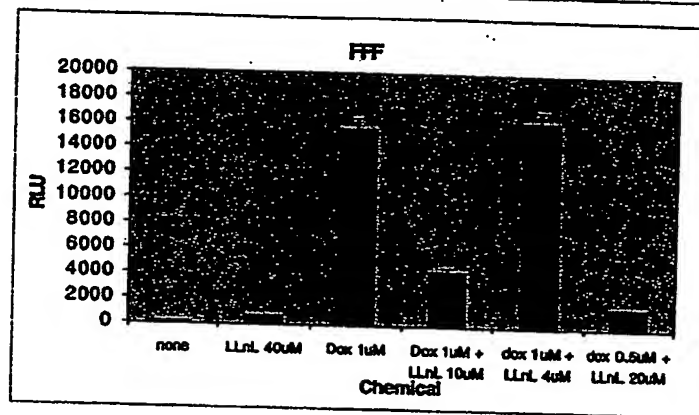


Fig. 6

A



B



C

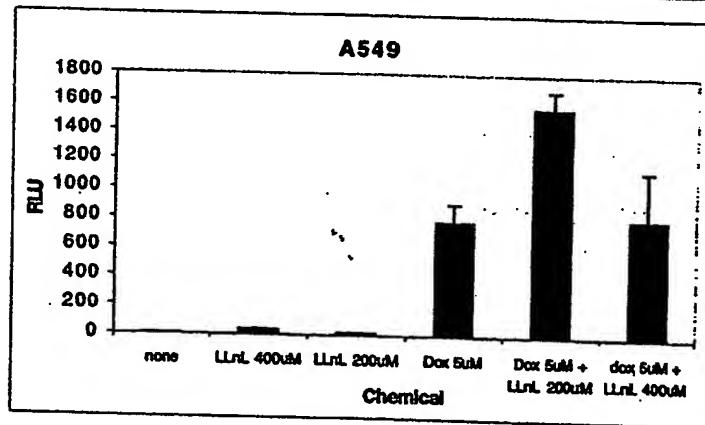


Figure 7

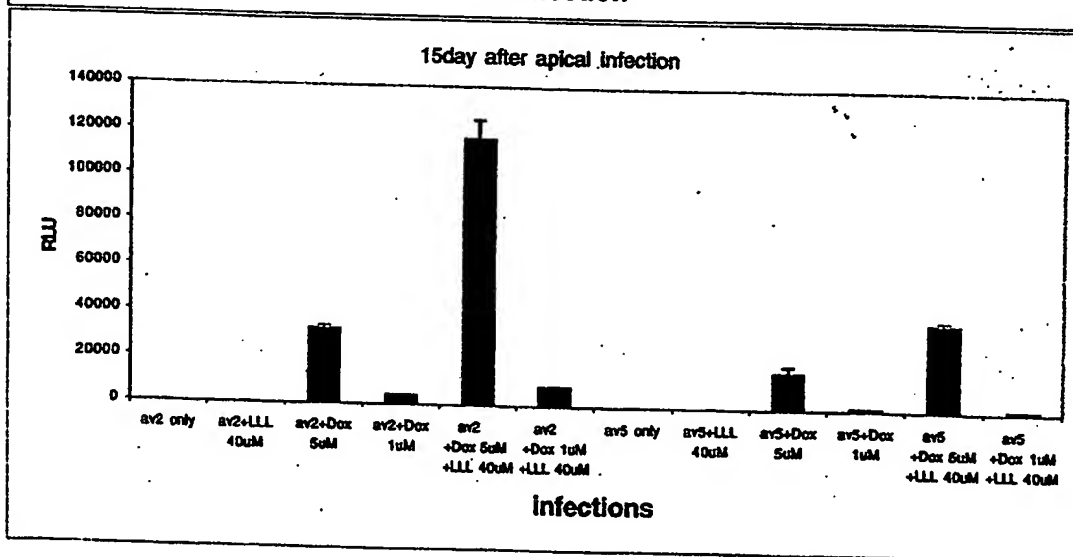
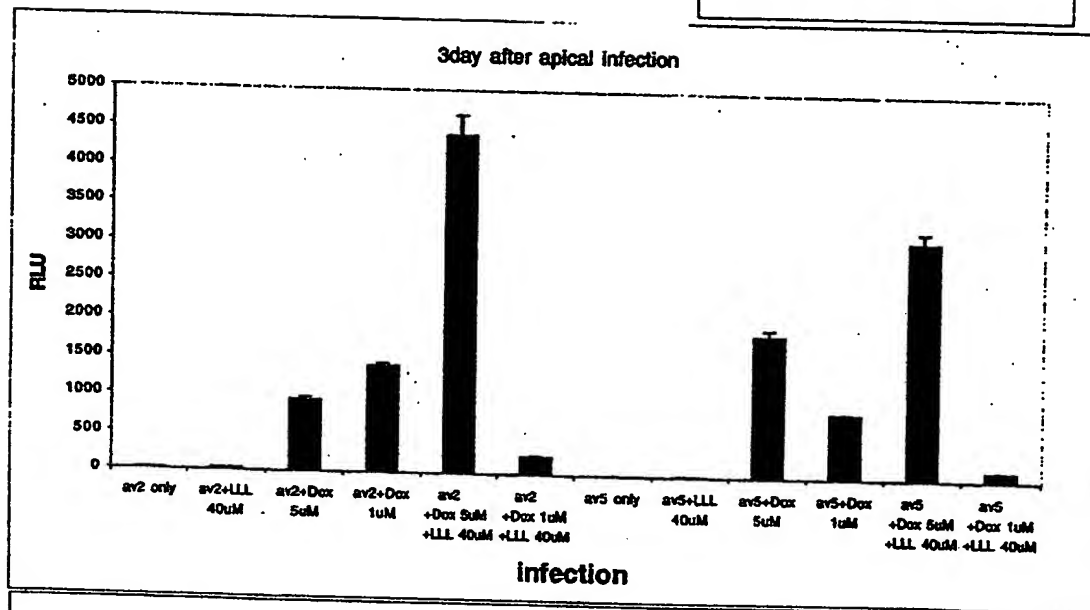
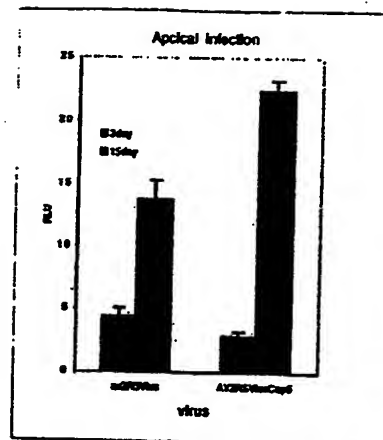


Fig 8

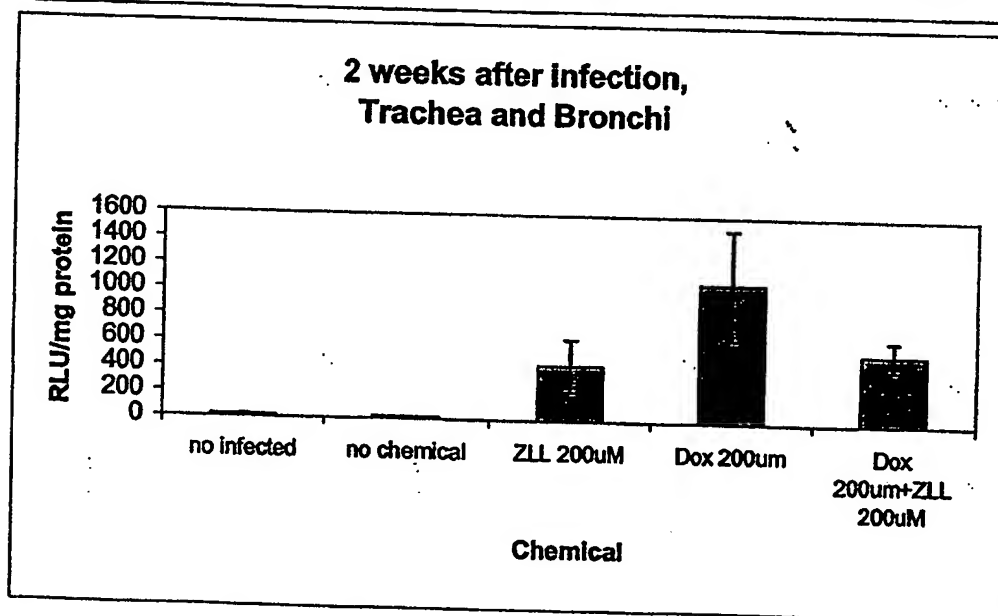
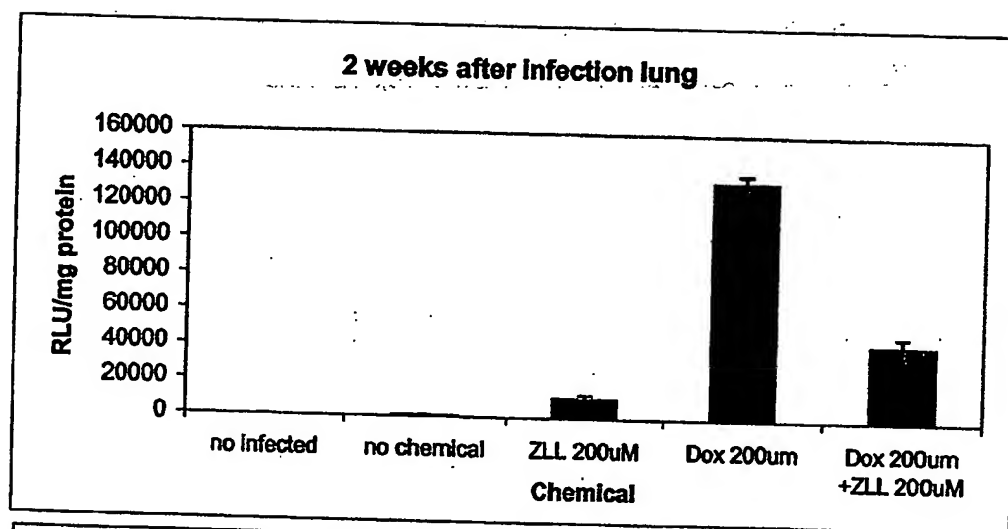


Fig 9A

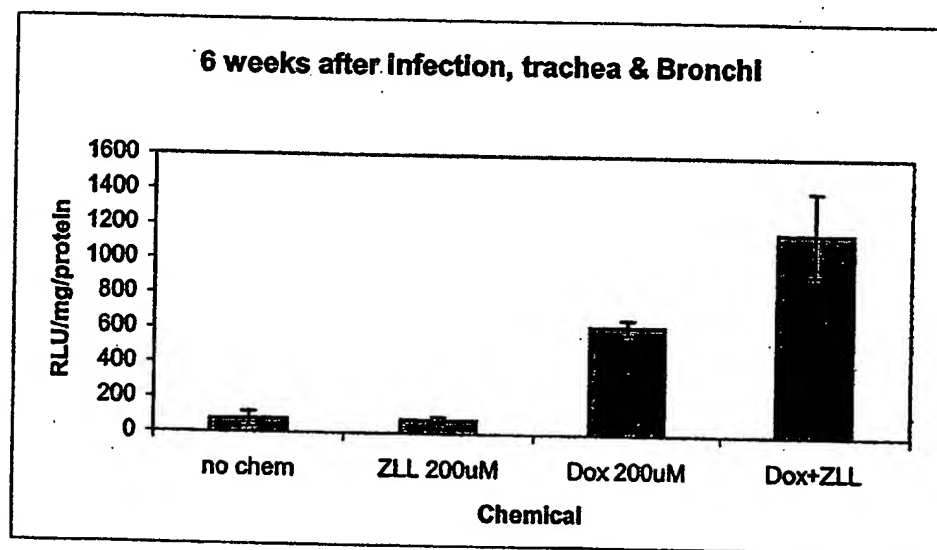
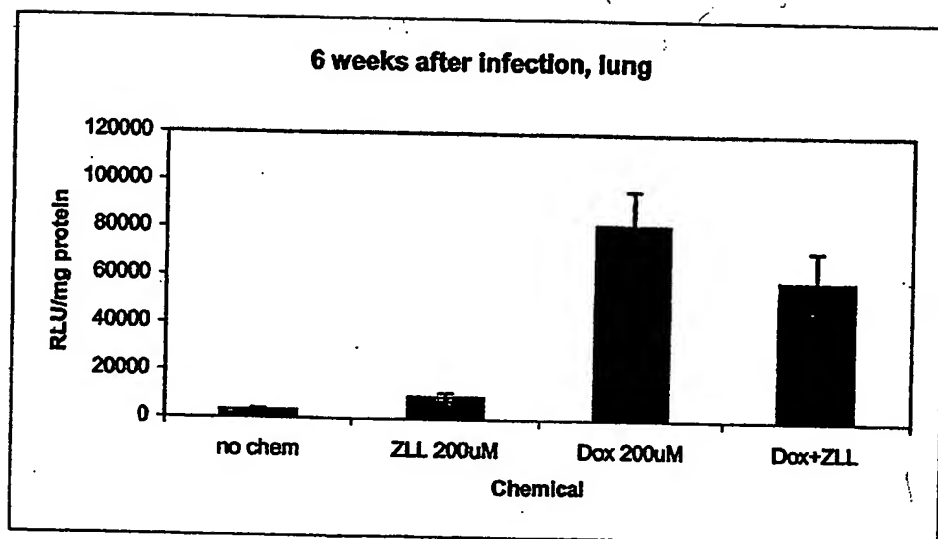


Fig 9B

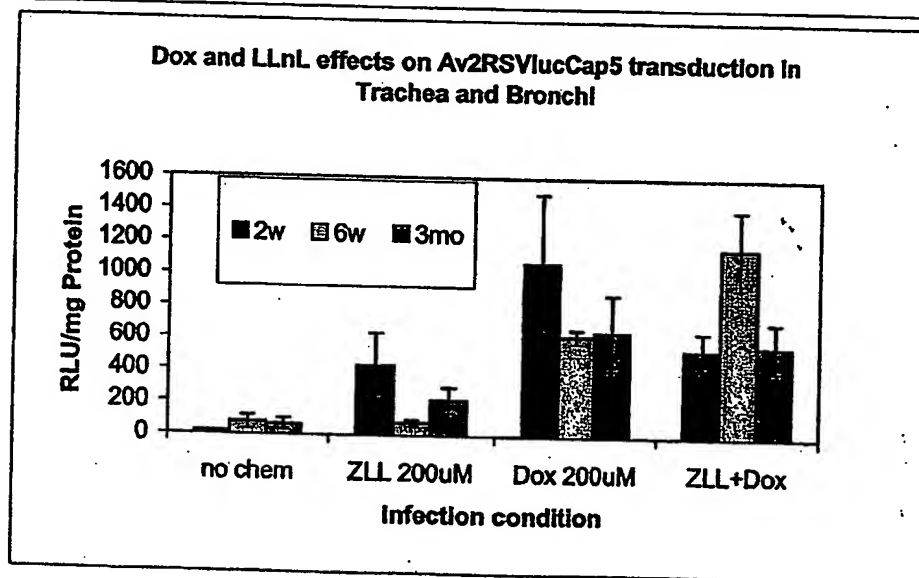
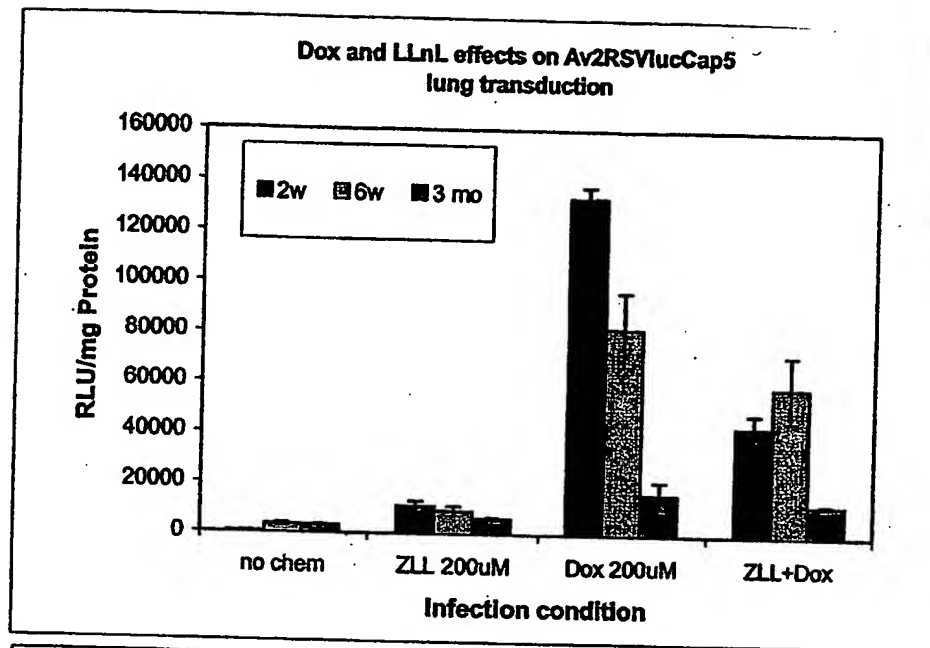


Fig 10



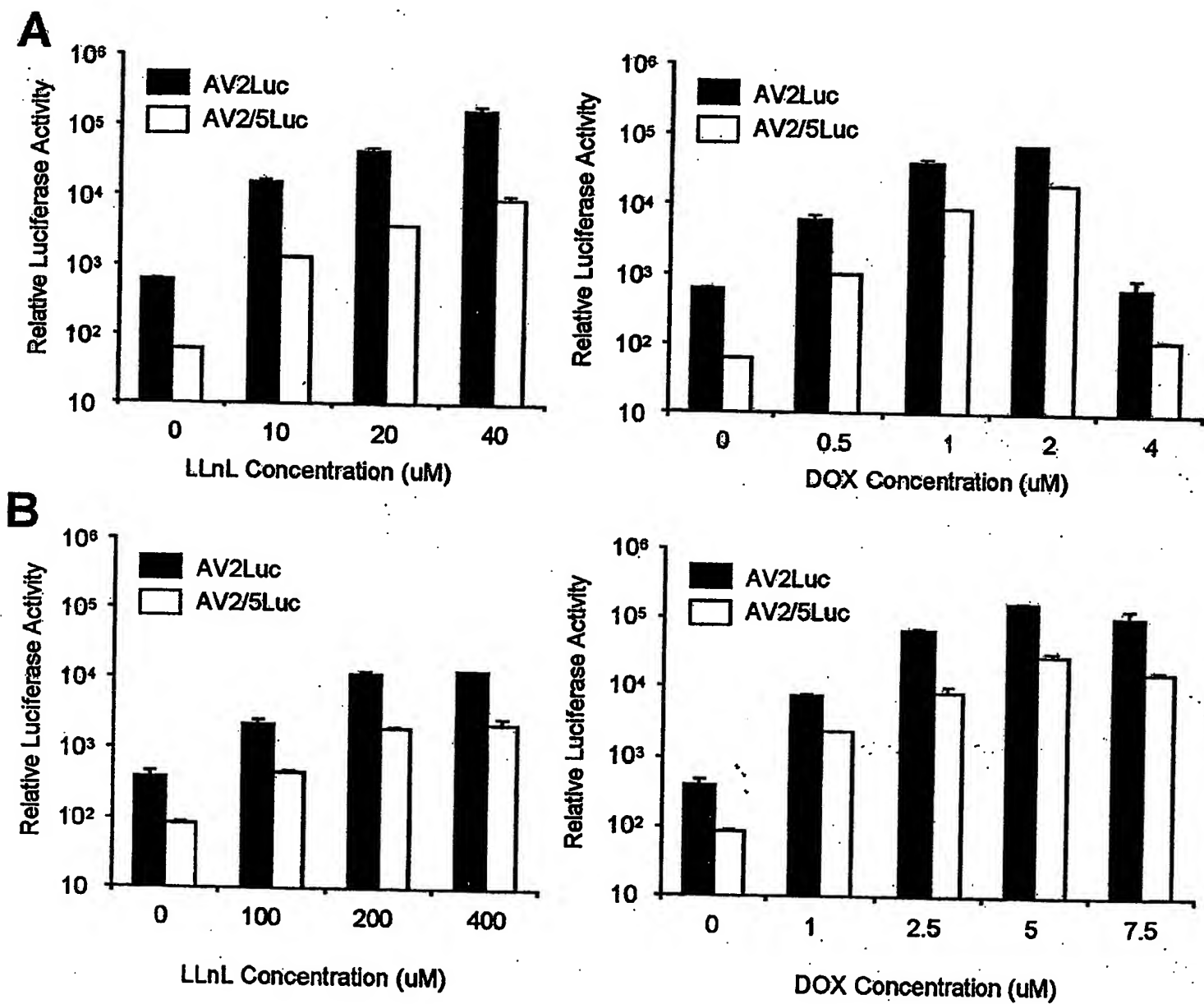
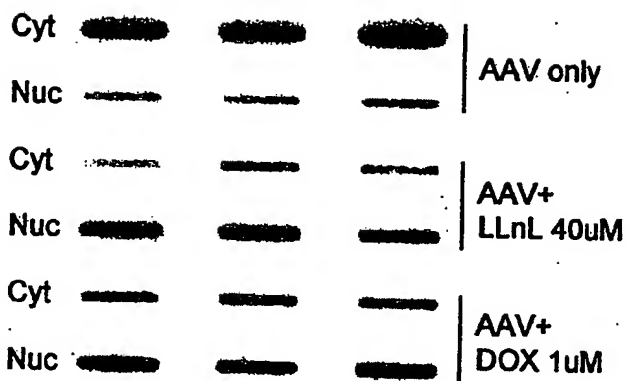
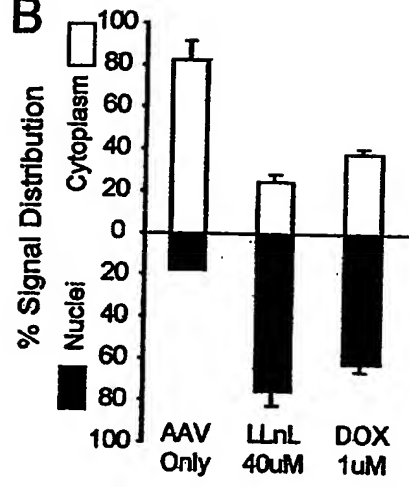


Fig 11

**A**



**B**



**C**

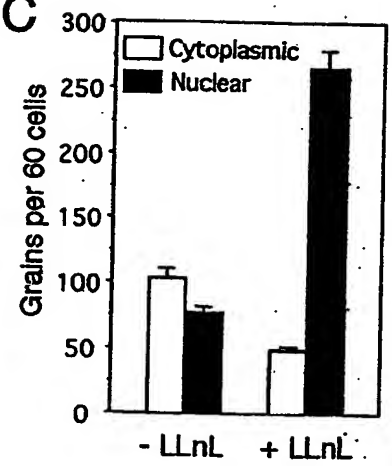


Fig 12

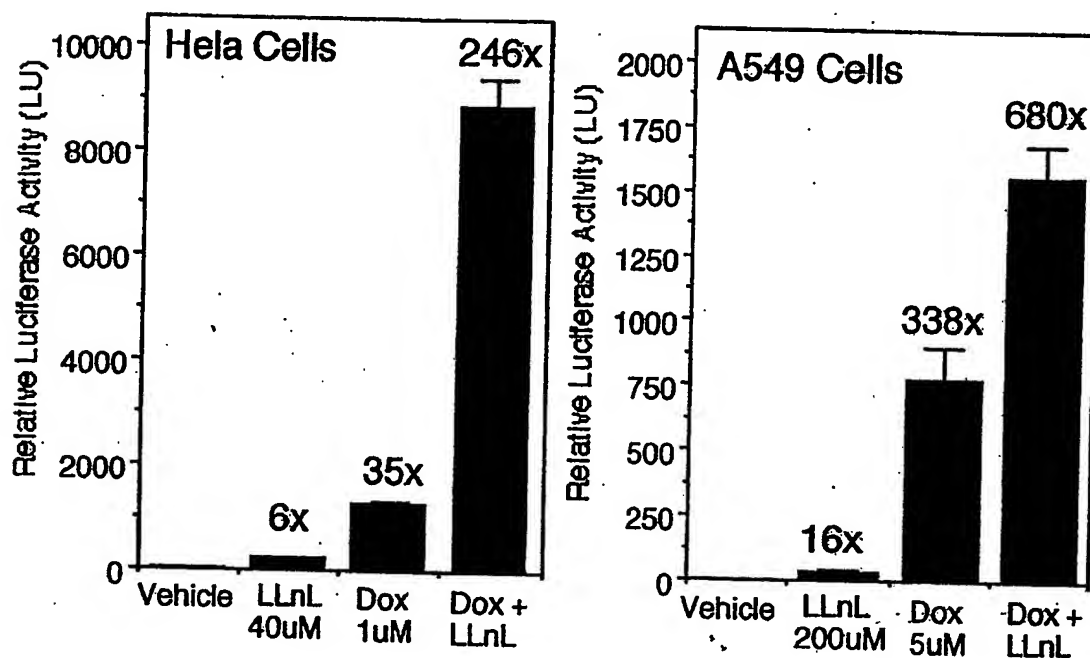


Fig 13

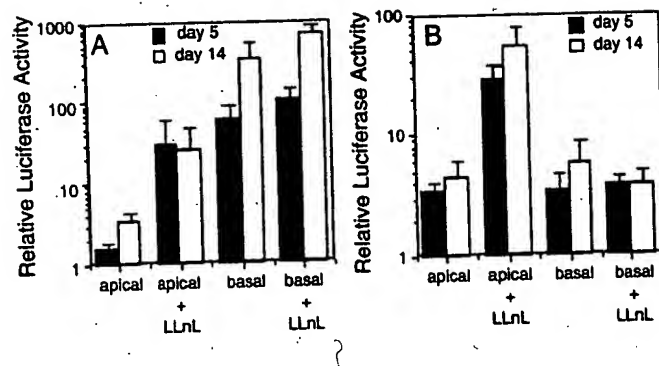


Fig 14

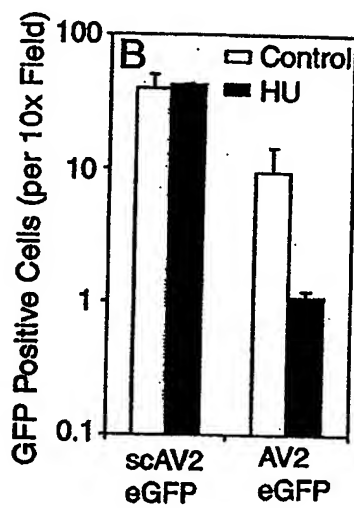
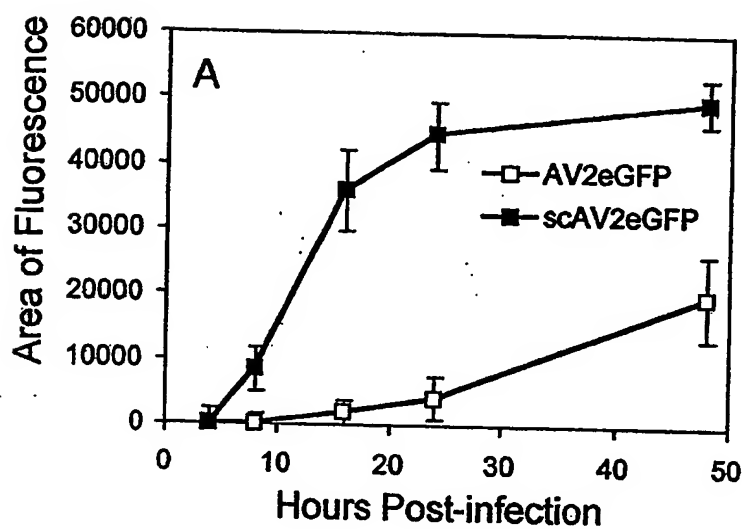


Fig 15

■ scAV2eGFP      ● scAV2eGFP + LLnL  
□ AV2eGFP      ○ AV2eGFP + LLnL

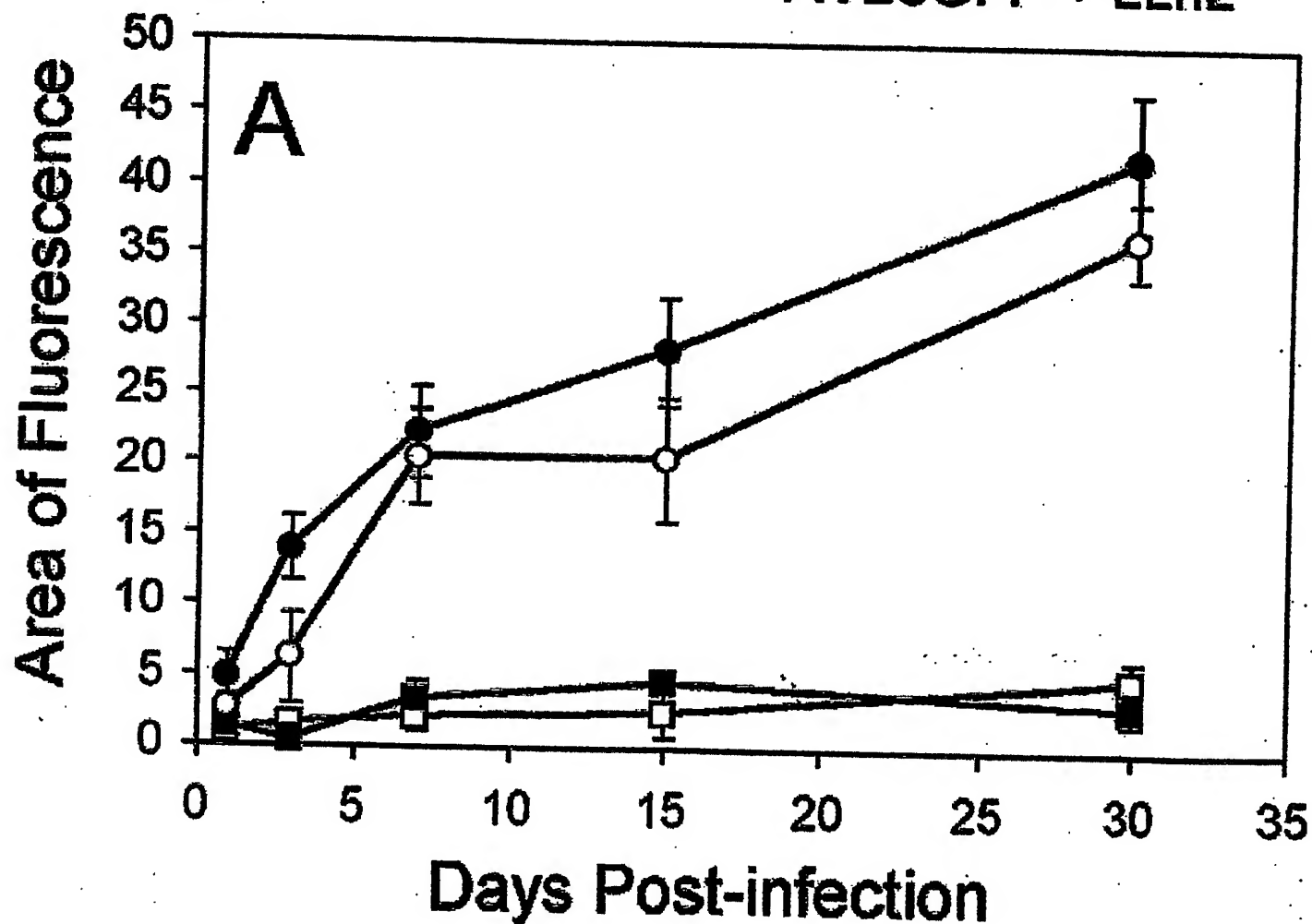


Fig. 16

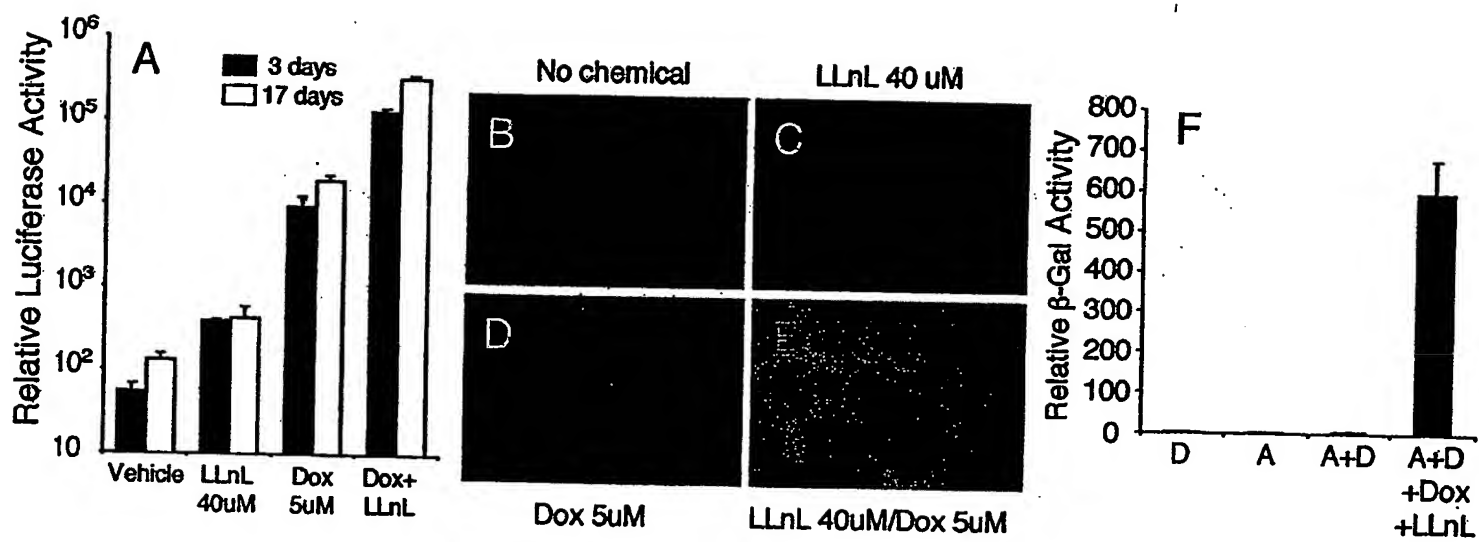


Fig. 17

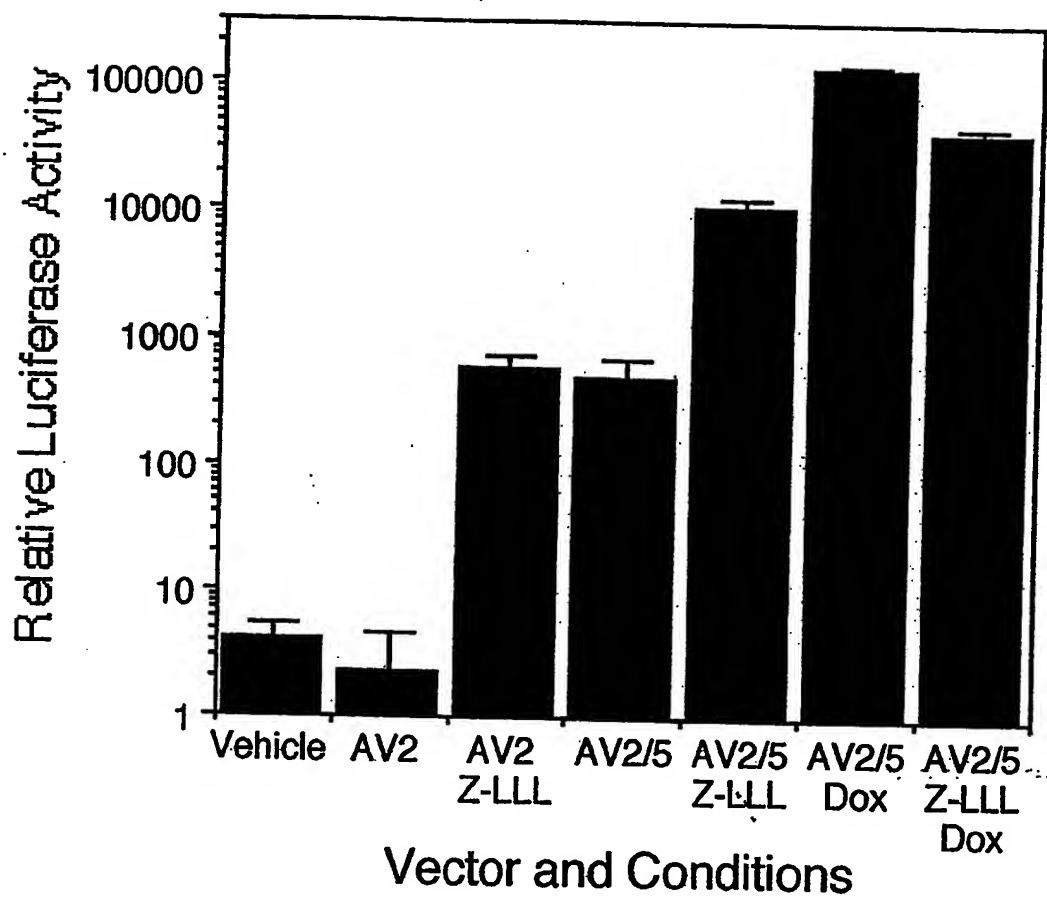


Fig 18



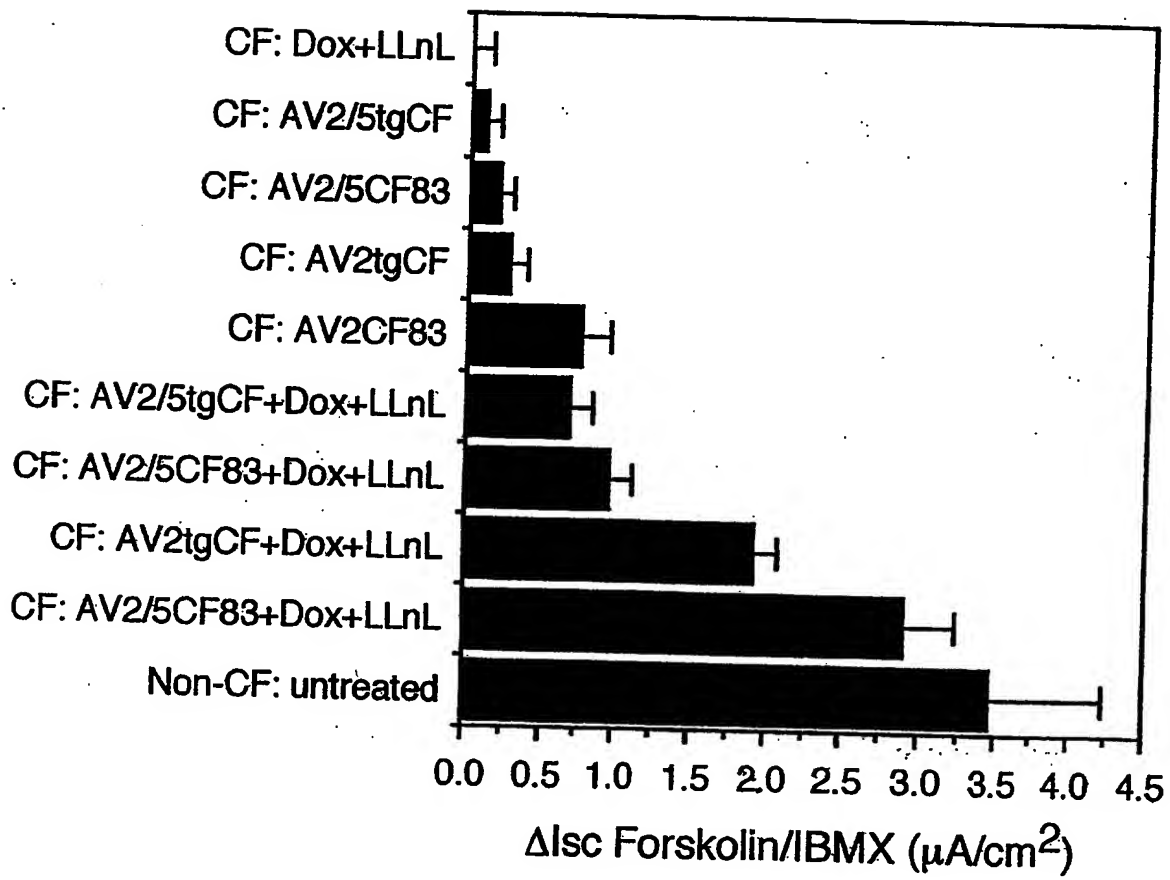


Fig 19

# Transduction Modifier Screening

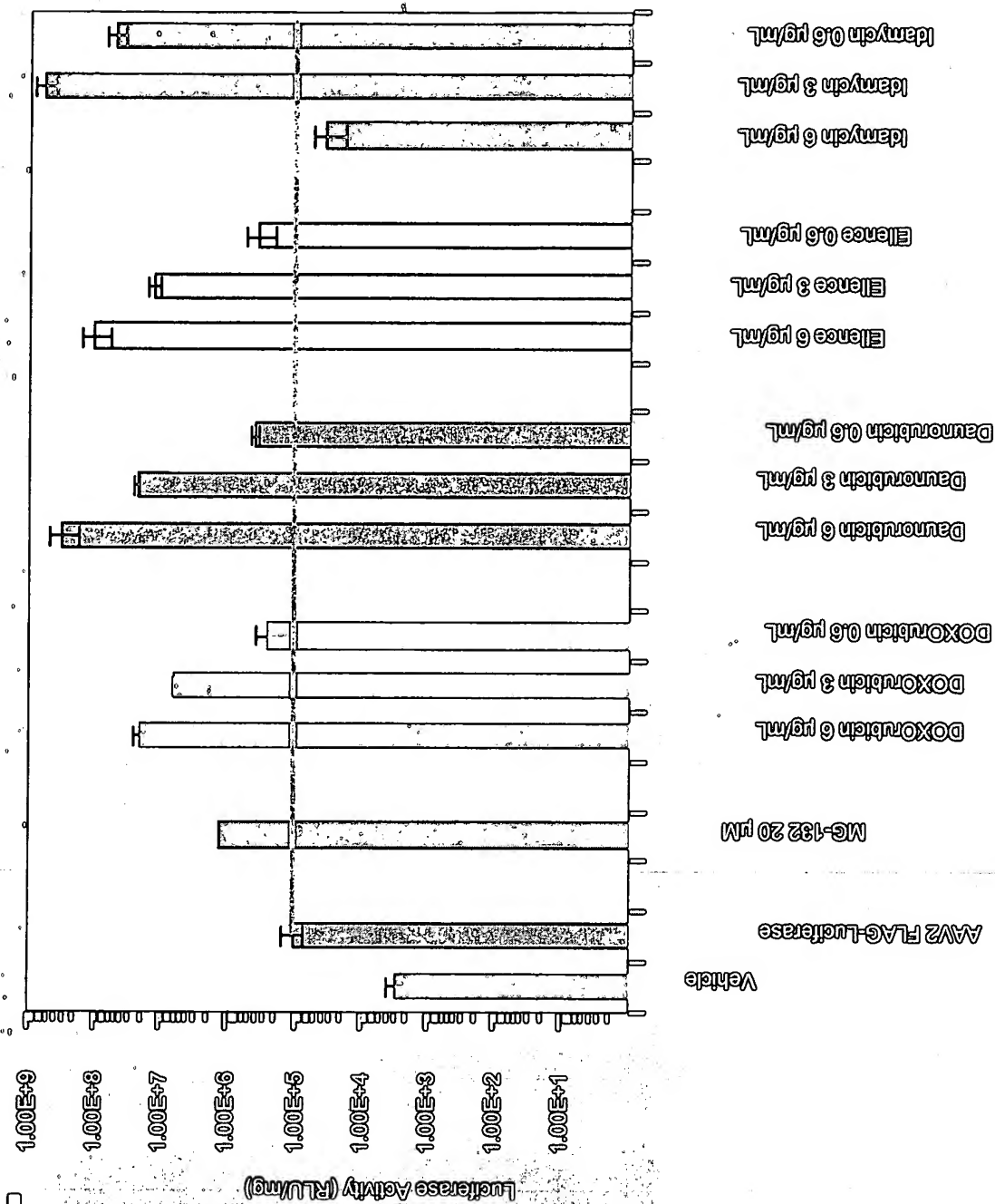


Fig 204

# Transduction Modifier Screening

Sample	AVG RLU/mg	Stdev	Fold Change
Vehicle	2.95E+03	9.01E+02	
AAV2 FLAG-Luciferase	1.11E+05	3.77E+04	1.00
MG-132 20 $\mu$ M	1.43E+06	1.72E+06	12.90
DOXOrubicin 6 $\mu$ g/mL	2.10E+07	4.57E+06	189.36
DOXOrubicin 3 $\mu$ g/mL	6.55E+06	1.15E+05	58.99
DOXOrubicin 0.6 $\mu$ g/mL	2.55E+05	1.30E+05	2.30
Daunorubicin 6 $\mu$ g/mL	3.17E+08	1.41E+08	2855.65
Daunorubicin 3 $\mu$ g/mL	2.40E+07	2.72E+06	216.42
Daunorubicin 0.6 $\mu$ g/mL	4.09E+05	6.41E+04	3.69
Ellence 6 $\mu$ g/mL	1.06E+08	4.85E+07	952.50
Ellence 3 $\mu$ g/mL	1.33E+07	2.70E+06	120.13
Ellence 0.6 $\mu$ g/mL	3.81E+05	1.78E+05	3.43
Idamycin 6 $\mu$ g/mL	3.87E+04	2.00E+04	0.35
Idamycin 3 $\mu$ g/mL	5.99E+08	1.91E+08	5396.31
Idamycin 0.6 $\mu$ g/mL	5.30E+07	1.48E+07	477.76

Average luciferase expression in males, females and group.

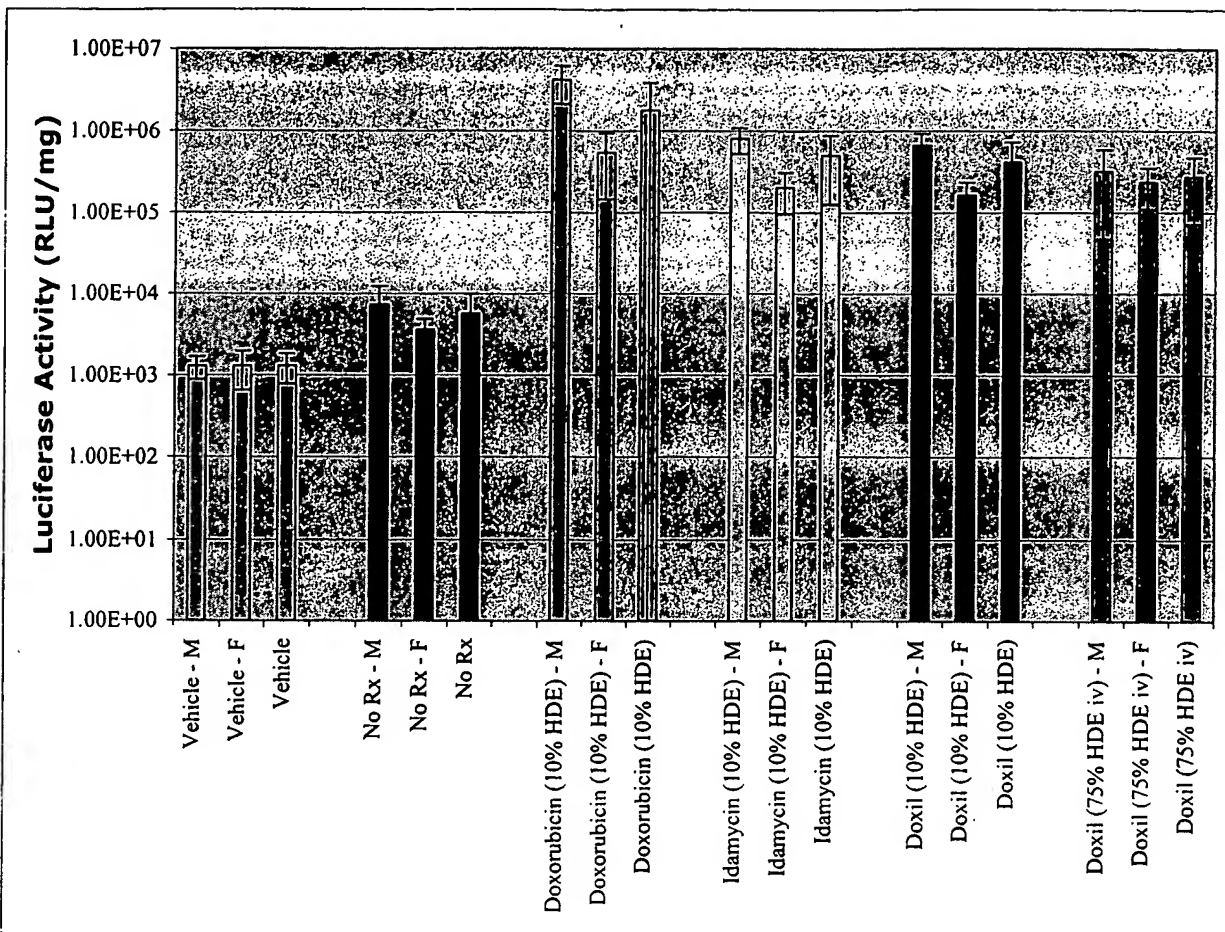


Fig. 2A